

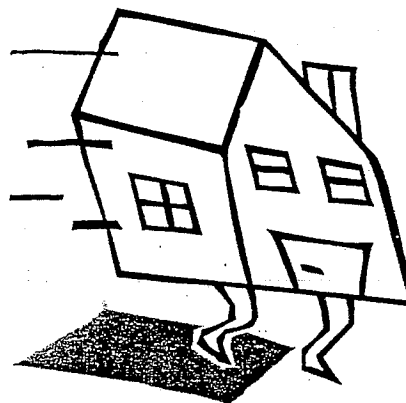
Properties Worksheet

Name _____

Match each sentence on the left with the appropriate property on the right. It is possible that a given property may be used more than once, or not at all. Use the letters to indicate your answer in the answer column.

Answers

- | | |
|--|--|
| _____ 1.) $a + b = b + a$ | A.) Commutative Property of Addition |
| _____ 2.) $abc \cdot 0 = 0$ | B.) Additive Identity |
| _____ 3.) $a(bc) = (ab)c$ | C.) Multiplicative Inverse |
| _____ 4.) $5 + 0 = 5$ | D.) Commutative Property of Multiplication |
| _____ 5.) $(-6) + (-7) = (-7) + (-6)$ | E.) Associative Property of Multiplication |
| _____ 6.) $a(1) = a$ | F.) Multiplicative Identity |
| _____ 7.) $(-4 + 8) + 6 = -4 + (8 + 6)$ | G.) Associative Property of Addition |
| _____ 8.) $a(b + c) = ab + ac$ | H.) Additive Inverse |
| _____ 9.) $4(5 + 3) = 4(3 + 5)$ | I.) Multiplicative Property of zero |
| _____ 10.) $13 + (-13) = 0$ | J.) Distributive Property |
| _____ 11.) $(-4) \cdot 1 = -4$ | K.) Property of Opposites. |
| _____ 12.) $3 \cdot (-2) = (-2) \cdot 3$ | |
| _____ 13.) $(-1) \cdot x = -x$ | |
| _____ 14.) $5m + 3 = 3 + 5m$ | |
| _____ 15.) $\frac{4}{7} \cdot \frac{7}{4} = 1$ | |
| _____ 16.) $2(3 + x) = 6 + 2x$ | |
| _____ 17.) $-(x) = -x$ | |
| _____ 18.) $-3mg + 3mg = 0$ | |
| _____ 19.) $(-4)(-1)(-x) = (-4)(-x)(-1)$ | |
| _____ 20.) $-\frac{1}{3} \cdot -3 = 1$ | |



Oops... Wrong Property